



PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE PATENT EXAMINING OPERATION

Applicant(s): Susanne BRAKMANN et al.

Serial No: 10/089,841

Group Art Unit:

Filed: April 4, 2002

Examiner:

Att. Docket No.: B1180/20005 Confirmation No.: 5272

For: STRUCTURED REACTION SUBSTRATE AND METHOD FOR PRODUCING THE SAME

#### INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom. No representation is made that the reference(s) is/are prior art with respect to this application.

This Information Disclosure Statement is being filed within three months of the filing date of a national application other than a CPA under 37 CFR § 1.53(d), within three months of the date of entry of the national stage as set forth in 37 CFR § 1.491 in an international application, before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of an RCE under 37 CFR § 1.114. certification or fee is required. 37 CFR § 1.97(b).



Application No. 10/089,841

English-language Abstracts of Michaeli et al., WO 98/09745 and WO 95/01559 are included as a part of these documents. English-language translations of Abstracts of DE 197 12 484 and DE 197 52 085 are attached.

Respectfully submitted,

CAESAR, RIVISE, BERNSTEIN, COHEN & POKOTILOW, LTD.

September 23, 2002

Please charge or credit our Account No. 03-0075 as necessary to effect entry and/or ensure consideration of this submission.

By\_

David M. Tener Registration No. 37,054 Customer No. 03000 (215) 567-2010

Attorneys for Applicant(s)



Please type a plus sign (+) inside this box →

3 0 SEP 2002

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
rademark Office: U.S. DEPARTMENT OF COMMERCE
ris a valid OMB control number.

U.S. Pat Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it

Substitute for Form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheet as necessary)

. Consolate #Woone							
Compi	ete if Known						
Application Number	10/089,841						
Filing Date	April 4, 2002						
First Named Inventor	Susanne BRAKMANN						
Group Art Unit							
Examiner Name							
Attorney Docket Number	B1180/20005						

Sheet 1 of 2

II.S.	PΔ	TENT	DO	CUM	MEN	<b>ITS</b>

Francisco	011-	U.S. Patent Document		Name of Datastas as Applicant of Citad Daywood	Date of Publication				
	Examiner Cite Initials* No.		Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	of Cited Document MM-DD-YYYY			
	<b></b>		<del></del>	(II KIIOWII)		<b>4</b>			
			5,604,130		WARNER et al.	02-18-1997			
			5,417,923		BOJANIC el al.	05-23-1995			
			5,342,581		SANADI	08-30-1994			

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	<sub>T</sub>
	No.	Office	Number	Kind Code (If known)	Name of Patentee of Applicant of Cited Document	MM-DD-YYYY	'
		wo	99/44742	A1	FEIGLIN	09-10-1999	
		wo	99/19717	A1	BJORNSON et al.	04-22-1999	
		wo	98/09745	A1	BRÜCK	03-12-1998	T
		wo	97/29223	A1	KELLY	08-14-1997	
		wo	97/13633	A1	CALHOUN et al.	04-17-1997	
		wo	95/01559	A2	EIGEN et al.	01-12-1995	T
		wo	91/09970	A1	WILLINGHAM et al.	07-11-1991	
		EP	0 869 556	A1	TOBBEN et al.	10-07-1998	
		EP	0 757 921	A1	OKUBO	02-12-1997	
·		EP	0 408 940	A1	SARRASIN	01-23-1991	
		EP	0 324 153	A2	ROOT	07-19-1989	
		EP	0 131 934	B1	JOLLEY	01-23-1985	
		DE	197 12 484	A1	KNEBEL	10-01-1998	Т
		DE	197 52 085	A1	HENCO	06-25-1998	T

### **OTHER DOCUMENTS - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т
		ABSTRACT of JP 61085131, WATANABE et al. (10-23-1987)	
		JACKMAN et al., "Fabricating Large Arrays of Microwells with Arbitrary Dimensions and Filling Them Using Discontinuous Dewetting," Anal. Chem., 70, pp. 2280-2287 (1998)	
		DUFFY et al., "Rapid Prototyping of Microfluidic Systems in Poly(dimethylsiloxane)," Anal. Chem., 70, pp. 4974-4984 (1998)	
		SIMPSON et al., "High-throughput genetic analysis using microfabricated 96-sample capillary array electrophoresis microplates," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 95, pp. 2256-2261 (March, 1998)	

EXAMINER DATE CONSIDERED

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. Pate ersons are required to respond to a collection of information unless it Under the Paperwork Reduction Act of 1995,

PTO/SB/O8A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
rademark Office: U.S. DEPARTMENT OF COMMERCE
is a valid OMB control number.

Substitute	for Form	1449A/PTC

Complete if Known							
Application Number	10/089,841						
Filing Date	April 4, 2002						
First Named Inventor	Susanne BRAKMANN						
Group Art Unit							
Examiner Name							
Attorney Docket Number	B1180/20005						

	INFORMATION DISCLOSURE						Application Number 10/089,841						
STATEMENT BY APPLICANT (use as many sheet as necessary)						Filing Date		April 4, 2002 Susanne BRAKMANN					
						First Named Inven	itor						
		(400 40	many one		3000.77			Group Art Unit					
								Examiner Name					
								Attorney Docket N	umber	B1180/	20005		
Sheet			2	of		2				51100			
					U.S.	PATE	NT DO	CUMENTS					
Examiner	T	ite		U.S. Paten	t Document			· · · · · · · · · · · · · · · · · · ·	lineat of Cit	D		e of Publicati	
Initials*	Ň			Number		Kind Code (if known)		Name of Patentee or App	olicant or Cit	ed Document		M-DD-YYYY	
,													
	ļ												
				i	OREIG	N PAT	ΓΕΝΤ	DOCUMENTS					
Examiner	Cite	Cite No. Office Number					Name of Patentee or Applicant of Cited Document Date of Publica of Cited Document			blication	т		
Initials*	No.			Number	Kind Code (If known)						MM-DD-YYYY		,
		<u> </u>				į			<del> </del>				
													_
			THER D	OCUME	NTS - N		ATE	IT LITERATURE	חטכווו	MENTS			
	$\top$							-					_
Examiner Initials*	Ci N	0.		da	ate, page(s), v	olume-iss	sue numb	the article (when appropriate) er(s), publisher, city and/or co	untry where	published.			Т
			MICHAEI 642-645 (		'Mikrostru	ıkturier	te For	mteile aus Kunststo	ff Gesta	iten," F&I	M, 106, p	ρ.	Т
			· -										
	1												_
	1												
	+	$\pm$										<del>-</del>	_
_	+	+									-		
<del>-</del>	+	$\dashv$											
	<del>                                     </del>											<del></del>	
	+	-											
EXAMINE	<u>l</u> ≘R						D/	ATE CONSIDERED					
							ر ا	000.000.000					

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.